



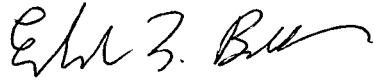
**Federal Aviation
Administration**

Next**GEN**



**NextGen Priorities
Joint Implementation Plan
Oversight Process**

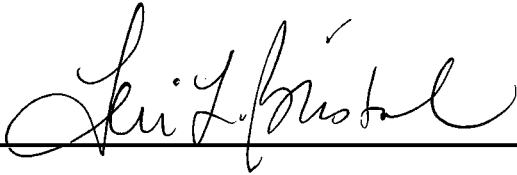
This NextGen Priorities Joint Implementation Plan Oversight Process is prepared and signed by:



12/5/14

Edward L. Bolton, Jr., Assistant Administrator for NextGen

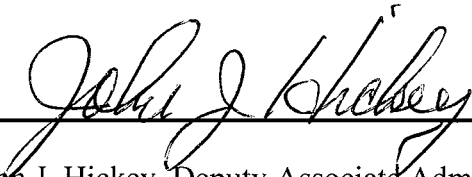
Date



12/8/14

Teri Bristol, Chief Operating Officer, Air Traffic Organization

Date



12/8/14

John J. Hickey, Deputy Associate Administrator, Aviation Safety

Date

OVERVIEW

The FAA intends to apply the same level of rigor to the oversight of the NextGen Priorities Joint Implementation Plan that was the hallmark of its development. Each month the agency will hold a series of internal and external meetings to track progress on FAA and industry commitments, to determine next steps for the pre-implementation activities, and to assess the benefits realized from implementation. The FAA will seek opportunities to keep stakeholders apprised of progress through a variety of vehicles, including briefings, web updates, and other outreach activities.

INTERNAL ACTIVITIES

Representatives of ATO, ANG, AVS and other internal organizations will meet on the first and third Fridays of each month to assess progress on milestones and dive deeper into related issues.

First Friday: Status Tracking

On the first Friday of each month, the subject matter experts (SMEs) from each focus area will brief on the status of their commitments. The SMEs will specifically address how they will resolve risks associated with any milestone date. The emphasis will be on recently completed and imminent milestones. The SME briefings would specifically include detailed status by location as we near deployment at a given airport or facility. The meeting outcome will be an acknowledgement of accomplishments, agreement on any necessary milestone changes or risk mitigations, and decisions on key messages to be shared externally. The NextGen Performance and Outreach Office (ANG-F) is tasked with facilitating these meetings, as well as capturing the key messages for wider distribution.

Third Friday: Deep Dives

On the third Friday of each month, the meeting will be focused on specific, targeted topics. Other FAA program offices that support these commitments may be invited to brief on their activities. Core topics will include:

- *Risk analysis:* A primary purpose of the Friday meetings is to mitigate risks that could lead to a missed milestone. While each program conducts its own risk assessment, the NextGen Air-Ground Team is conducting an independent, enterprise-level analysis of three of the four focus areas. (The Data Communications focus area will follow risk processes required for baselined acquisition programs.) This analysis is structured to capture complexity and integration issues that arise when implementation requires action across multiple programs and multiple stakeholder domains (airborne, airspace, air traffic and airports). It will focus on risks to technical performance, cost, schedule and benefits. The intent of this risk analysis is to: clarify the intra- and inter-dependencies across the individual commitments and the domains; characterize the issues (especially ones that cut across multiple commitments); and ensure a holistic perspective is taken when developing alternatives. The Air-Ground Team will work closely with the SMEs and operational stakeholders to verify risks and opportunities, and will produce a final report to help FAA leadership take a proactive and well-planned approach to addressing them.
- *Completed pre-implementation commitments:* Agreements will be reached on what steps to take based on the outcome of these activities, including plans for engaging with industry.

- *Benefits assessments:* The team will consider options for measuring the operational performance impact associated with the completion of milestones.
- *Industry progress assessment:* The FAA has tasked MITRE CAASD to collaborate with RTCA to document industry commitments for the four FAA NIWG focus areas. For each, the list of industry commitments and associated milestones will be compiled and summarized by stakeholder, location, and capability. The list of industry commitments will be coordinated with the commitments and schedules from the FAA. Once the list of commitments has been verified and agreed upon by the stakeholders, MITRE will work with RTCA to develop a methodology for monitoring and tracking these commitments on a quarterly basis. The methodology will include a description of the data requirements and potential sources, and criteria for quantifying progress towards achieving the milestones. MITRE will also work with the RTCA and FAA to flag issues and risks as well as opportunities that are associated with the progress of the industry commitments.
- *Outreach and communications:* The FAA will communicate accomplishments and progress through a variety of venues. For example, the milestone charts are posted in the NextGen Performance Snapshots web site and will be updated monthly, based on reports from the First Friday meetings. ANG-F will work with the Office of Communications and other groups to push information to relevant stakeholders, including through the Administrator's speeches, town halls and visits.

Deployment Integration Group (DIG)

The Deployment Integration Group (DIG) consists of senior leaders from ANG, ATO and AVS who work close with the implementing offices. They are charged with ensuring the plan's commitments are championed and upheld. This group meets on an ad hoc basis and will coordinate resolution of actions from the Friday meetings. The results of their actions will be brought to the Third Friday meetings by the appropriate party. Tasks will include:

- *Risk mitigation oversight:* The DIG will provide oversight to specific risk mitigation tasks as determined at the First Friday meetings. In particular, DIG members will work with leaders in their organizations to help resolve risks that arise from resource or coordination roadblocks.
- *Next steps for the pre-implementation commitments:* The NACSC has a strong interest in continuing the dialogue on the completed pre-implementation commitments. The FAA must be prepared to effectively communicate its position on potential next steps. The DIG will work with the SMEs to ensure they conduct alternatives assessments and recommend approaches to working with industry through the NACSC and other appropriate bodies to determine potential solutions.
- *Post-implementation benefits analysis activities:* The DIG will facilitate the development of information to show how the implementation of these commitments has affected NAS operations, for use at NAC meetings and in other venues. In cooperation with performance offices in ANG and ATO, the DIG will look at previous quarter reported completions to identify how to message qualitative success stories and quantitative metrics where data exists.

Other Existing Bodies

Because the plan touches on many programs, the FAA will depend in part on pre-existing processes and teams to oversee tactical activities and to make recommendations on specific issues. The results of these activities will be brought forward to the Friday meetings. For example:

- Joint FAA-industry Metroplex teams are responsible for managing detail-level plans for the Northern California, Charlotte and Atlanta projects.
- The Data Communications Integration Team, an industry-government group, meets periodically to work boundary-spanning issues.
- The ATO Program Management Office conducts recurring program reviews.
- FAA's Joint Resources Council and Executive Board may have responsibility for certain funding and strategic decisions related to this plan.
- The NextGen Management Board serves as a forum to share decisions made in the Friday meetings, the status of the plan's commitments, and other important messaging points with senior leaders of a broader set of FAA offices.
- The Performance-based Operations Aviation Rulemaking Committee (PARC) has completed an assessment related to the recorder rule issue and will bring recommendations back to the FAA.
- The Collaborative Decision Making (CDM) Stakeholders Group (CSG) is providing recommendations related to the Surface and Data Sharing focus area.

CONTINUED ENGAGEMENT WITH INDUSTRY

Building on the successful collaboration used to develop this consensus plan, the FAA is committed to frequent and transparent interaction with industry. Much of this activity will be focused around the NextGen Advisory Committee and its subcommittee.

Subject Matter Expert Coordination

The FAA SMEs will coordinate on a regular basis as required with the NAC NIWG leads.

Monthly Leadership Calls

Senior agency and NAC leadership will talk on a monthly basis. The FAA will share highlights from the Friday meetings, and the NAC will provide updates on industry milestones. The two parties will reach agreement on discussion areas for the monthly NAC subcommittee meetings.

Quarterly NAC Subcommittee Meetings

At a selected NAC subcommittee meeting each quarter, the FAA and industry will report out on activities related to milestones due to be completed in that quarter, as well as any potential schedule changes or significant risks. This discussion would include information about completed pre-implementation commitments.

Tri-annual NAC Meetings

Progress reports will also be provided publicly through the NAC, which as a federal advisory committee holds an open public meeting three times each year, with advance notice available in the Federal Register.